**Amendments to the Specification**

Please amend the paragraph starting on page 2, line 10, by replacing it with the following amended paragraph. The amendments shown below reflect changes to the paragraph as it appeared in amended form in the March 23, 2004 office action response:

> To this end, measurement circuit multiplies the digitized *voltage* measurement signal by the digitized *current* measurement signal. In particular, the digitized measurement signals consist of sampled voltage measurement values and sampled current measurement values. By multiplying the individual voltage samples by the individual current samples and summing the resulting products over time, energy consumption values are obtained. In particular, in a single phase system, the energy consumption measurement may be given by the following equation:
>
> $WH = \sum V(n) * I(n) * T_n$ for $n = 1$ to $N$,
>
> Where $WH$ is equal to energy consumption (e.g. watt-hours), $T_n$ is the sample period of $n$, $V(n)$ is the $n$th voltage sample, and $I(n)$ is the $n$th current sample that is sampled contemporaneously with $V(n)$.

The above amendment does not introduce new matter. In particular, the amendment adds the temporal element requested by the Examiner, which is well-known in the art.